Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 11 Aug 2023 until 23:59 on Saturday 12 Aug 2023

Forecast Issued on Friday 11 Aug 2023 at 00:16

Confidence: High confidence for a trend towards cooler and more unsettled conditions into the weekend and beyond. Lower confidence in the details of showers or rain.

Headline for Friday 11 Aug 2023: Warm, sunny spells and a few isolated showers after a mostly cloudy start.

Mountain weather hazards on Friday 11 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
10%	10%	20%	20%	20%	<05%

Forecast for Friday 11 Aug 2023

Weather: Early cloud and drizzly rain clearing should be largely clear by dawn. Brightening up through the morning allowing sunny spells to develop widely. Chance of a few isolated showers developing through the afternoon. Any showers are expected to be short-lived, blowing through quickly given the fresh and blustery winds. Dry by the evening, with skies largely clear overnight. Feeling warm, especially in the valleys.

Chance of cloud-free hill tops above 600m: 60% initially, mainly in the northwest. Improving by mid-morning to near 100%.

Low cloud and visibility: Low cloud, with bases around 400-600m, will lift and break by mid-morning. Cloud through the rest of the day will remain above summits. Chance of a few scraps on the highest summits in the vicinity of showers. Visibility good or very good, but moderate to poor in rain or showers and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 11 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 SW	20/26 SW	20/27 SW	17/24 SW	18/24 SW	16/23 SW	19/28 SW
300	14/20 SW	15/21 SW	16/23 SW	14/20 SW	13/20 SW	11/19 SW	14/23 SW
Valley	9/19 SW	11/20 SW	12/23 SW	11/21 SW	9/20 SW	7/19 SW	8/22 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/10	14/10	16/12	16/13	15/12	13/10	12/8
300	16/14	16/14	18/15	19/16	18/15	16/14	14/12
Valley	16/16	18/16	20/17	20/18	18/17	16/15	14/13
Freezing Level*	2200m	2100m	2300m	2500m	2500m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels are expected to be moderate to high, and feeling warm, so sun protection and adequate hydration is advisable. Feeling blustery on elevated or exposed routes.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 11 Aug 2023	0mm	0mm	0mm

Forecast for Saturday 12 Aug 2023

Weather: Cloud building through the morning with bright spells and scattered showers developing. Showers becoming more widespread and heavier by the afternoon with a risk of thunder. Showers largely fading late on. Cooler.

Maximum wind: South or southwest 20mph, gusting 30-35mph.

Chance of cloud-free hill tops above 600m: 90%, lowering to 60% in showers.

Low cloud and visibility: Areas of cloud with base 500-600m, mainly in showers, briefly shrouding summits and higher routes. Visibility generally very good, but moderate to poor in any heavier showery downpours and very poor in low cloud covering the hils.

Temperature: **Valleys:** Plus 13 Celsius, rising to Plus 21 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Remaining well above summits throughout.

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